

Title (en)

STEERING ASSEMBLY AND METHOD FOR MOUNTING AN AIRBAG MODULE TO THIS STEERING ASSEMBLY

Title (de)

LENKUNGSBAUGRUPPE SOWIE VERFAHREN ZUR MONTAGE EINES GASSACKMODULS AN EINEM LENKRAD ZUR BILDUNG EINER SOLCHEN LENKUNGSBAUGRUPPE

Title (fr)

VOLANT DE DIRECTION MUNI D'UN MODULE DE COUSSIN GONFLABLE ET PROCÉDÉ DE MONTAGE DUDIT MODULE DE COUSSIN GONFLABLE

Publication

EP 3842297 B1 20230719 (DE)

Application

EP 21152915 A 20191028

Priority

- DE 102018127637 A 20181106
- EP 19205585 A 20191028

Abstract (en)

[origin: US2020139917A1] The invention relates to an airbag module (16) for an occupant restraint system, comprising a module cap (28) which in the mounted condition of the airbag module (16) faces an occupant and comprising a module bottom (30) which includes a latch means for securing the airbag module (16) to a vehicle component, wherein the module cap (28) and the module bottom (30) are movable toward each other along a mounting axis (A) until they reach at first an axial pre-mounting position and then an axial final mounting position, the module cap (28) and the module bottom (30) including interacting pre-fixing elements which captively secure the module cap (28) and the module bottom (30) to each other in the pre-mounting position, the module cap (28) and the module bottom (30) including interacting resistance contours which during an axial relative movement of the module cap (28) and the module bottom (30) from the pre-mounting position to the final mounting position have a predetermined mounting resistance. Furthermore, the invention also relates to a method for mounting the airbag module (16) on a steering wheel as well as to a steering assembly (10) comprising such airbag module (16).

IPC 8 full level

B60R 21/203 (2006.01)

CPC (source: CN EP KR US)

B60R 21/203 (2013.01 - CN); **B60R 21/2035** (2013.01 - EP US); **B60R 21/2037** (2013.01 - KR); **B60R 2011/001** (2013.01 - KR); **B60R 2011/005** (2013.01 - KR)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 3650290 A1 20200513; **EP 3650290 B1 20210526**; CN 111137240 A 20200512; CN 111137240 B 20230317; DE 102018127637 A1 20200507; EP 3842297 A1 20210630; EP 3842297 B1 20230719; JP 2020097402 A 20200625; JP 7455552 B2 20240326; KR 20200052231 A 20200514; US 11299118 B2 20220412; US 2020139917 A1 20200507

DOCDB simple family (application)

EP 19205585 A 20191028; CN 201911070030 A 20191105; DE 102018127637 A 20181106; EP 21152915 A 20191028; JP 2019200529 A 20191105; KR 20190139503 A 20191104; US 201916664979 A 20191028